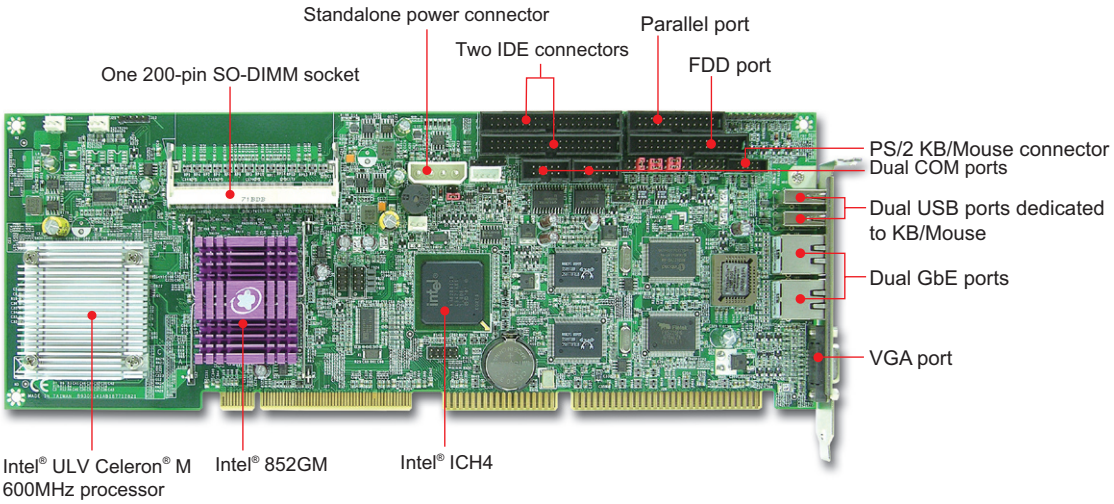
ROBO-8771VG2

Ultra Low Voltage Intel® Celeron® M processor based PICMG SBC with VGA and LAN



FEATURES

- On-board Ultra Low Voltage Intel® Celeron® M 600MHz with L2 Cache processor with passive heat sink for misson critical & fanless application
- Ideal replacement in terms of cost, functionality and performance
- Stand alone workable single board computer
- Rich I/O connections such as IDE, Gigabit Ethernet, serial port, parallel port, and USB ports

ORDERING GUIDE

Standard	**ROBO-8771VG2** Ultra Low Voltage Intel® Celeron® M processor based PICMG SBC with VGA and LAN
Optional	**USB Cable with bracket** Four USB ports with bracket
	PS/2 Keyboard/Mouse Cable with Bracket PS/2 keyboard/mouse connectors on bracket

GENERAL

Processor	CPU & Package: Ultra Low Voltage Intel® Celeron® M 600MHz processor FSB: 400MHz
Chipset/Core Logic	Intel® 852GM and ICH4
System Memory	Up to 1GB DDR 200/266 SDRAM on one 200-pin SODIMM socket
BIOS	Award BIOS 184-pin DIMM socket
Storage Devices	Support dual EIDE devices with Ultra DMA 100/66/33
Solid State Disk	N/A
Watchdog Timer	Programmable via software from 0.5 sec. to 254.5 min.
Expansion Interface	N/A
Hardware Monitoring	System monitor (fan, temperature, voltage)
Power Requirement	Typical: +5V@3.96A; +12V@1.78A
Dimension	Dimension : 338.5(L) x 122(W) mm; 13.33"(L) x 4.8" (W) PCB: 6-layer
Environment	Operating Temperature: 0 to 60°C Storage Temperature: -20 to 75°C Relative Humidity: 5% to 95%, non-condensing
MTBF	13,279 hrs

I/O

MIO	Two serial (one RS232/422/485 selectable), one parallel, one FDD channel
IrDA	IrDA 1.0
Ethernet	- 10BASE-T/100BASE-TX Ethernet - IEEE 802.3u auto-negotiation - Dual RJ-45 connector with two LED indicators
Audio	AC'97 2.2 interface reserved
USB	Six USB 2.0 ports
Keyboard & Mouse	Two ports USB 2.0 on bracket dedicated to keyboard & mouse

DISPLAY

Graphic Controller	Intel® 852GM mobile optimized graphics controller
Graphic Memory	Dynamically allocates 32/64MB system memory for display
Display Interface	Support VGA (DB15 on bracket) interface